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10/580,657 filed 5/26/06
Amendment dated 6/27/08
Reply to office action of 3/27/08

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5 **Amendments to the Claims:**

The listing of claims will replace all prior versions; and listings of claims in the application.

Listing of Claims:

10 **What is claimed is :**

1.(Cancelled)

2.(Cancelled)

15 3. (Cancelled)

4.(Cancelled)

5.(Cancelled)

20 6.(Cancelled)

7 (Cancelled)

25 8. (Cancelled)

9. (Cancelled)

30 10.(Currently Amended) The method according to Claim [9] 13, characterized by a further step of measuring said compression [property] as the brake cools.

35 11.(Currently Amended) The method according to Claim [8]13, further including the step of: comparing differences and/or ratios of the measured values of said [property] compression with differences and/or ratios of the corresponding prerecorded values.

12.(Currently Amended) The method according to claim [8]13
further including the step of: measuring an electrical magnitude
associated with the conductivity or electrical resistivity of a portion of
5 the brake pad (2)-or of its friction lining (3).

13. (New) A method for monitoring the application of a motor
vehicle automatic parking brake by driven means by sensing the
compression of at least one brake pad (2) on engagement with a brake
10 disk (1) through a first actuation force to prevent rotation of a wheel
on a vehicle associated with the brake disk following a command to
apply the automatic parking brake including the following steps:
measuring the compression of the brake pad that varies as a function
15 of the force applied to the brake disk in response to the first actuation
force; comparing the measured compression with a prerecorded value;
and commanding the application of an additional second actuation
force to the parking brake if the measured compression is below the
20 prerecorded value to prevent the rotation of the wheel as a result of
relaxation of the disk brake after a first period of time and activating a
signal for the attention of the driver of the vehicle whenever the
measurement is below the prerecorded value.

14.(New) The method according to Claim 13, characterized by
the step of: measuring the compression of the brake pad (2) occurs at
25 different instants following a command to apply the parking brake
such that the parking brake has sufficient time to relax.

15.(New) The method according to Claim 13, characterized by
the steps of: measuring a first value of the compression of the pad
before the parking brake is applied, measuring a second value of the
30 compression while the brake is being applied by the driven application
means; and measuring a third value of the compression mechanical
locking of the wheel and return of the application means to a position
of rest.